



CENTER ON
INSTRUCTION

BRINGING LITERACY STRATEGIES INTO CONTENT INSTRUCTION

Center on Instruction – Reading Strand
Florida Center for Reading Research
Florida State University

July 2010



CENTER ON INSTRUCTION

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Deputy Director, Center on Instruction – Reading Strand

Goals

**Build awareness of key content of
*Bringing Literacy Strategies into
Content Instruction***

**Provide opportunities to think
about how to use the document in
your work**



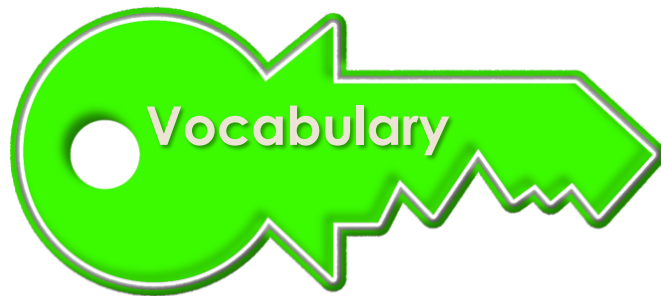
Think About It...

**When you think of academic literacy,
how do you envision preparing content
area teachers to support that?**



3 Keys

Content of Professional Development



The Big Picture



Content-area expertise about how to read text in the subject area

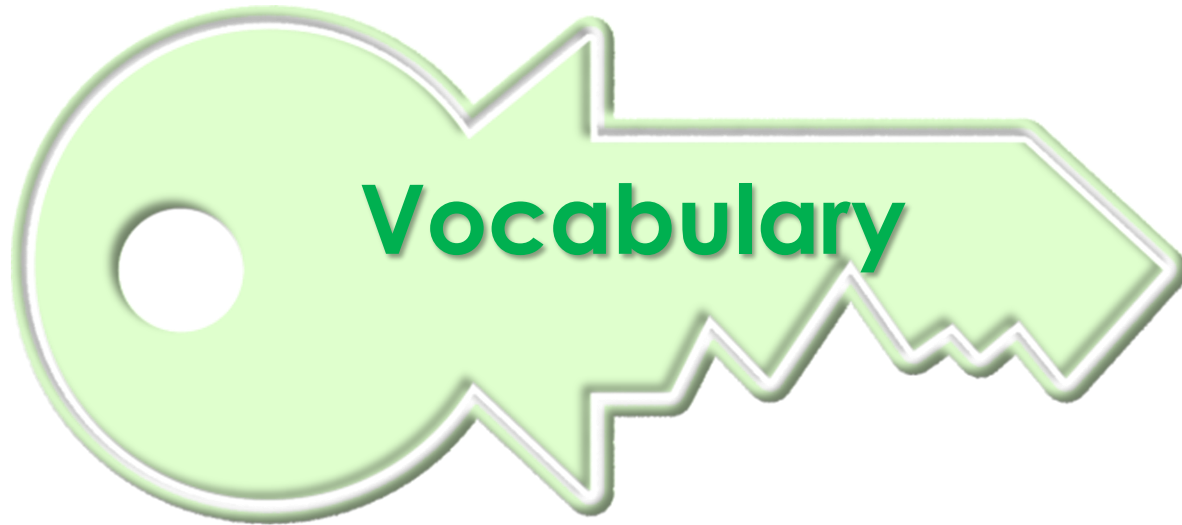
Effective use and understanding of text in content-area classes.



Vocabulary Instruction



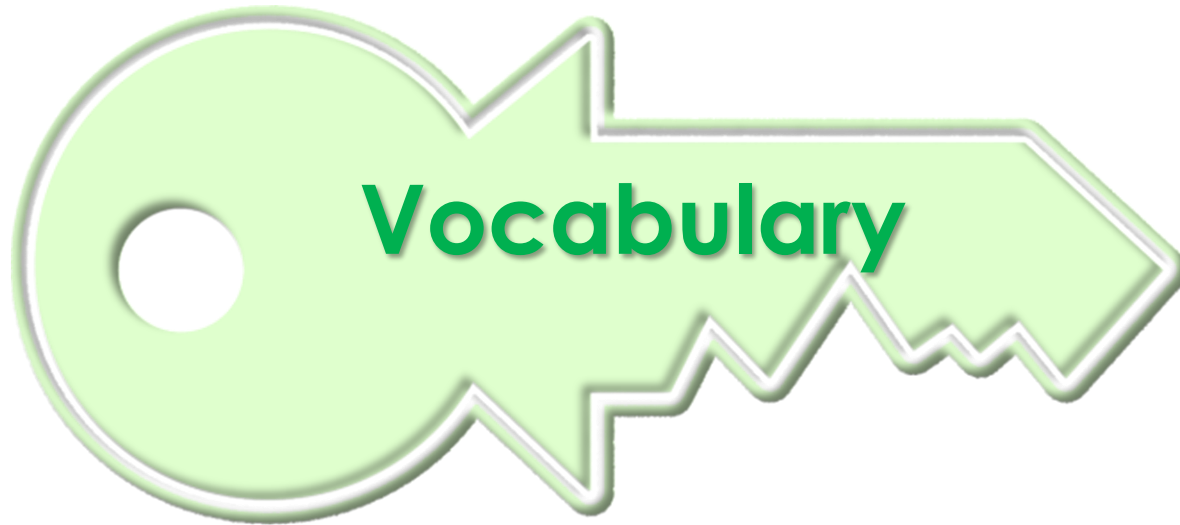
Vocabulary Instruction



Incidental exposure is not enough



Vocabulary Instruction



Incidental exposure is not enough

**Unique vocabulary demands for
various content areas**



What do
you think?

Related to vocabulary instruction, which issue would you expect to present the greatest challenge to content area teachers?

Determining the instructional strategy to use

Lack of student background knowledge

Unique content area vocabulary

Finding time to teach vocabulary

Selecting specific vocabulary to teach



Effective content-area vocabulary instruction



Effective content-area vocabulary instruction

**Provide oral and print
language experiences**



Effective content-area vocabulary instruction

Provide oral and print language experiences

Instruction in individual words



Effective content-area vocabulary instruction



Provide oral and print language experiences

Instruction in individual words

Individual word instruction should be explicit and systematic



Effective content-area vocabulary instruction

Word learning strategies



Effective content-area vocabulary instruction

Word learning strategies

Dictionary use



Effective content-area vocabulary instruction

Word learning strategies

Dictionary use

Morphemic analysis
(roots, suffixes and prefixes)



Effective content-area vocabulary instruction

Word learning strategies



Dictionary use

Morphemic analysis
(roots, suffixes and prefixes)

Contextual analysis



Effective content-area vocabulary instruction

Word learning strategies

Dictionary use

Morphemic analysis
(roots, suffixes and prefixes)

Contextual analysis

Word consciousness



What do
you think?

Of the strategies just discussed, circle the one you believe might be easiest to integrate into content-area instruction.

Oral and print
language
experiences

Dictionary
use

Combination of
word learning
strategies

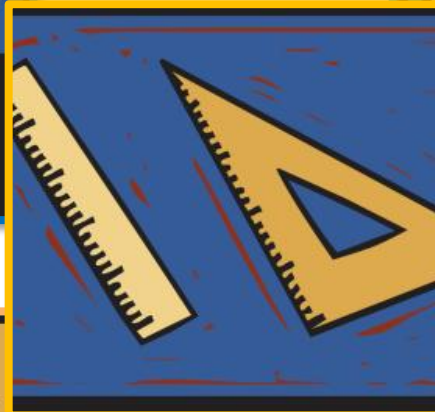
Instruction of
individual words

Morphemic
analysis (roots,
suffixes, prefixes)

Contextual
analysis



What might effective vocabulary instruction look like in different content-area classes?





11TH Grade American Literature

Instruction in individual words

antediluvian -

1. of or belonging to the period before the Flood. Gen. 7, 8.
2. very old, old-fashioned, or out of date; antiquated; primitive

Lorem ipsum dolor -

sit amet, consectetur adipiscing elit.

Etiam porta -

sapient et ullamcorper adipiscing, nisi ipsum blandit odio, eget volutpat enim dolor non sapien. Nam felis mauris, interdum a ornare ut, sollicitudin fringilla leo.

Maecenas mi elit -

egestas et accumsan eget, molestie quis eros. Donec in erat eu augue cursus dictum at blandit nisi.

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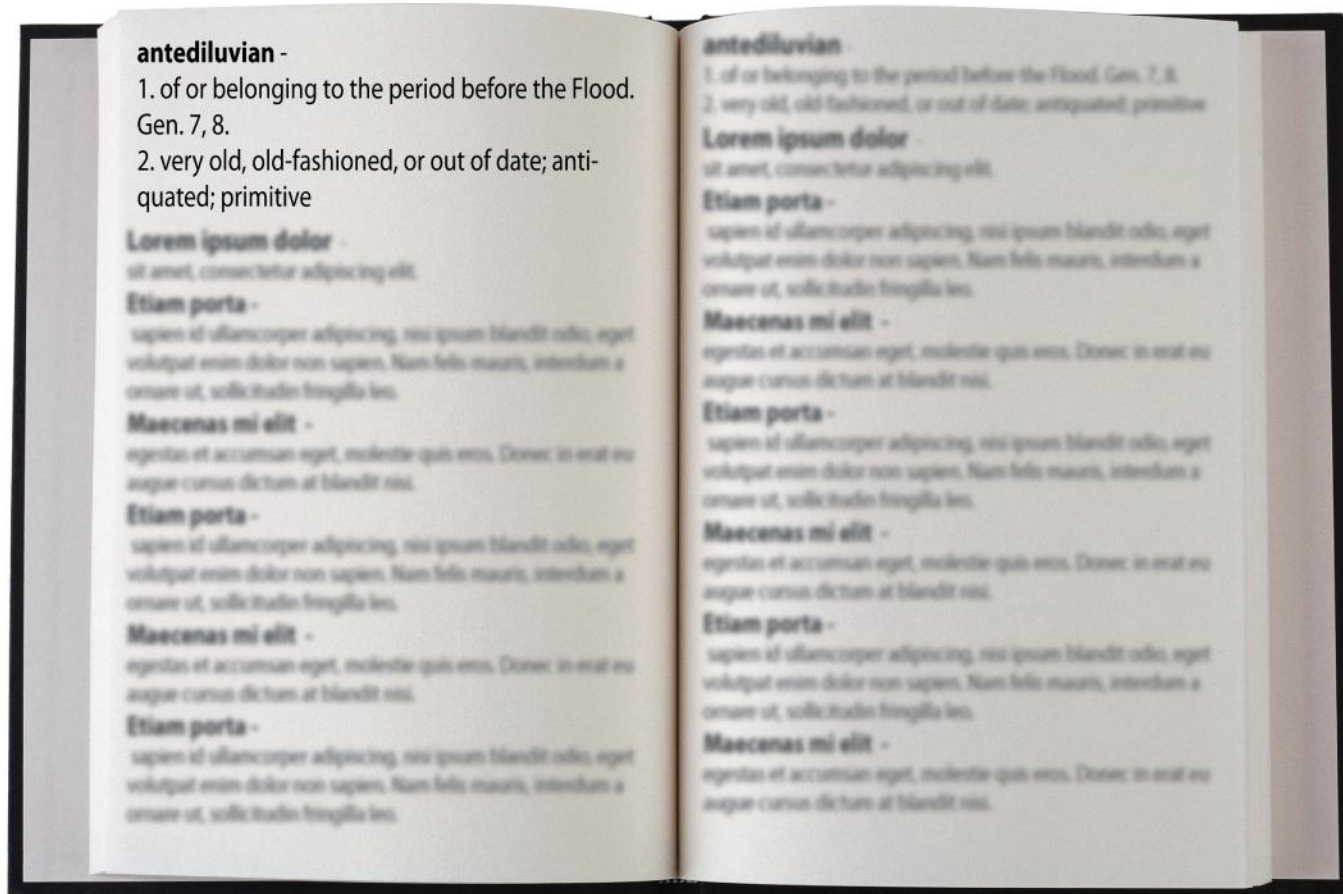




11TH Grade American Literature

Instruction in individual words

Word learning strategies

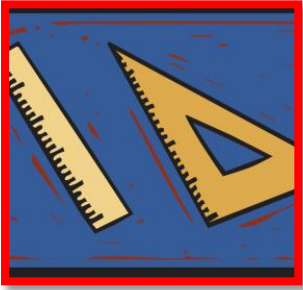




Word learning strategies

	Common meaning	Mathematical meaning
Mean	<ul style="list-style-type: none">• Not nice• Intend to• Defined as	Average
Median	<ul style="list-style-type: none">• Roadway divider	Middle most value
Mode	<ul style="list-style-type: none">•Type of functioning for electronic devices•Method	Most frequently occurring value
Range	<ul style="list-style-type: none">•Area for grazing farm animals•Area for practice firing weaponry	The difference between the highest and lowest values





Word learning strategies

Instruction in individual words

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Word learning strategies

Features											
Examples	Vector quantity	Opposite the force of a push	Perpendicular to the surface of contact	Parallel to the plane of contact	Net force must be zero	Requires contact with the object					
Weight	+	-	+/-	-	-	-					
Normal Force	+	+	+	-	-	+					
Static Friction	+	+	-	+	+	+					
Kinetic Friction	+	+	-	+	-	+					
Tension	+	-	-	-	-	+					





Word learning strategies

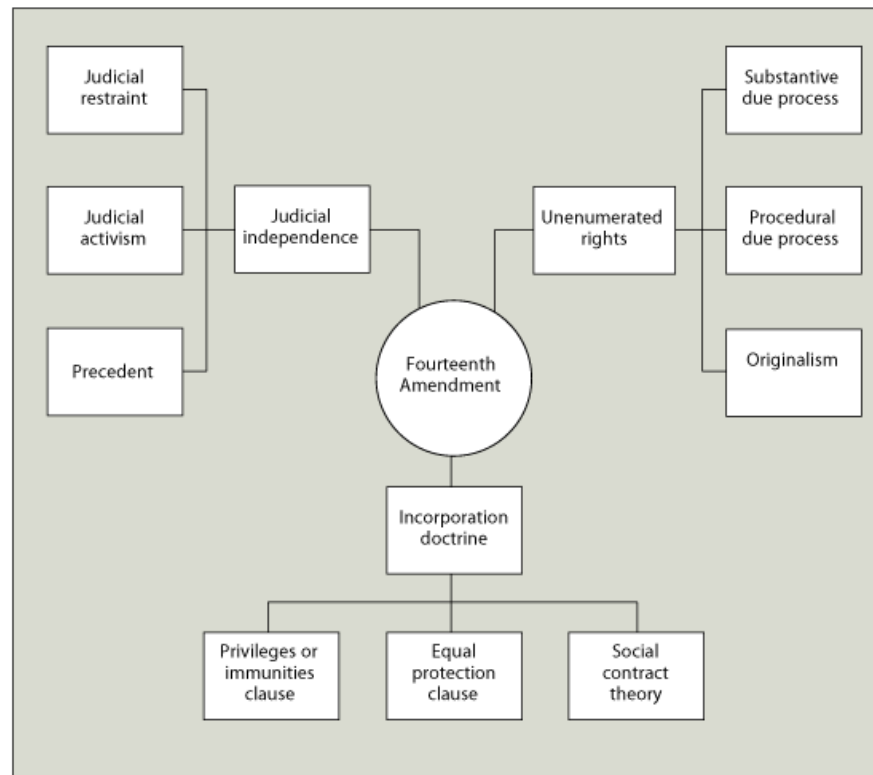
Oral and print language experiences

Features											
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Oral and print language experiences

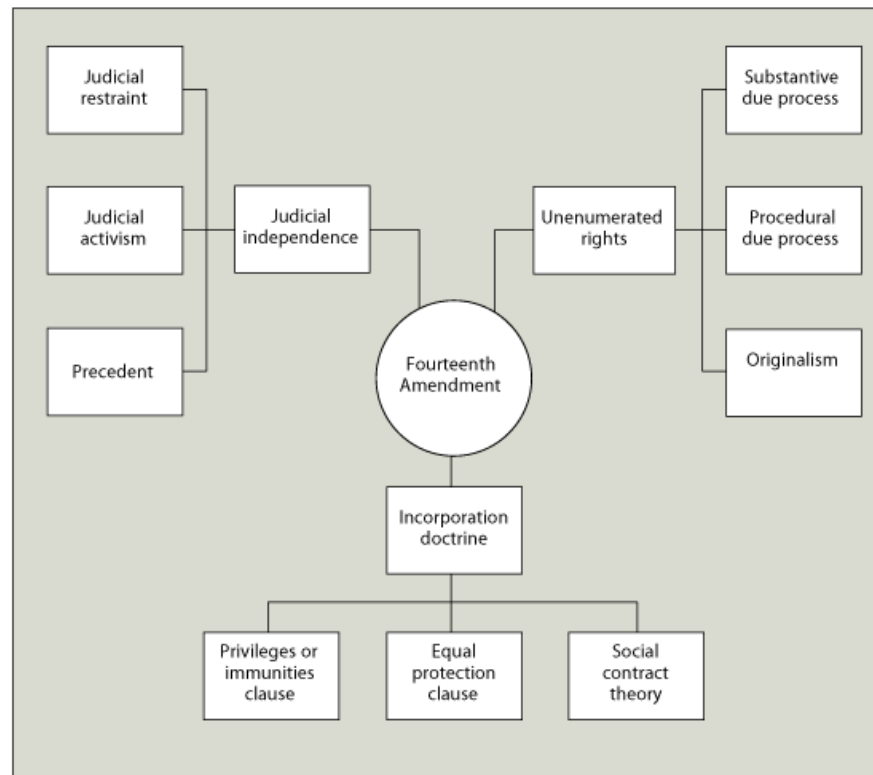




12TH Grade Government

Oral and print language experiences

Word learning strategies



What do
you think?

What level of support would most teachers need to implement these strategies in content area classrooms?

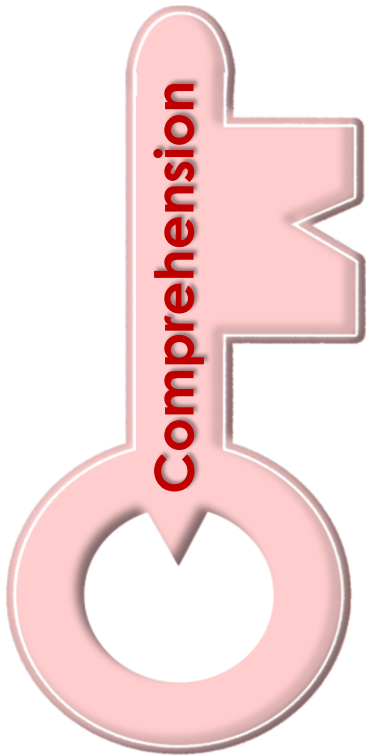


Comprehension strategy instruction

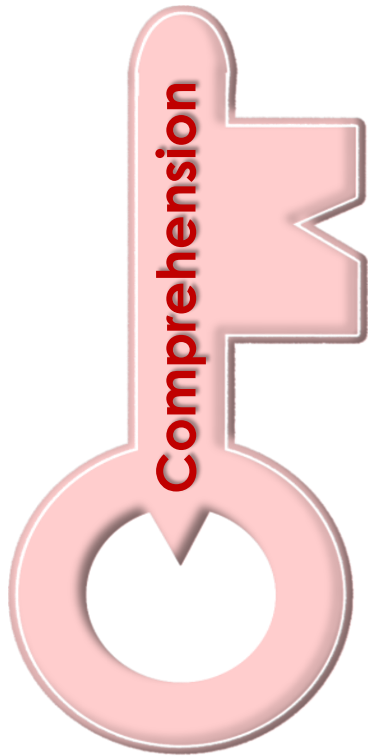


Comprehension strategy instruction

Variation in skills



Comprehension strategy instruction

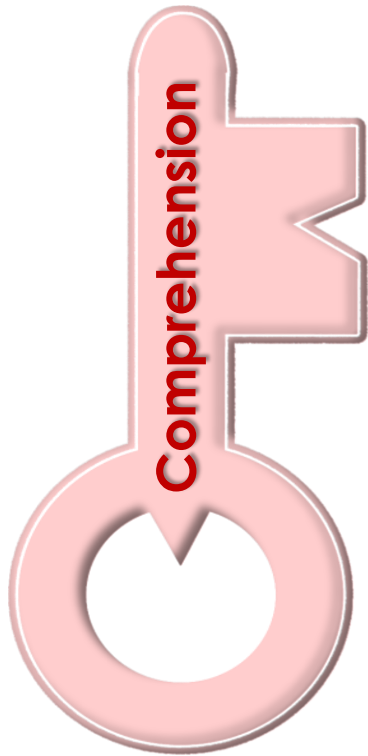


Variation in skills

Text difficulty



Comprehension strategy instruction



Variation in skills

Text difficulty

Content-area expertise



**What do
you think?**

What issue would be most likely to persuade content area teachers to incorporate comprehension strategies into their instruction?

Textbook has dense vocabulary demands

Assessments (NAEP) will use complex informational passages for test item

Textbook has sophisticated treatment of concepts

Data indicates that improving comprehension is linked to higher achievement in content areas

Students lack background knowledge about the discipline

College readiness standards require complex response to college-level informational text.



Effective comprehension strategy instruction

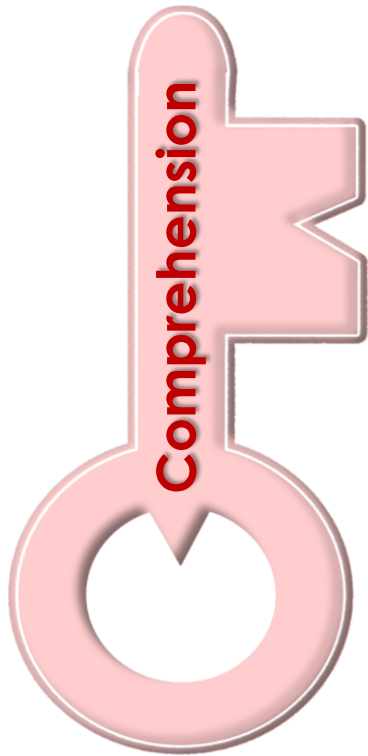


Effective comprehension strategy instruction

Activate and build prior
knowledge



Effective comprehension strategy instruction

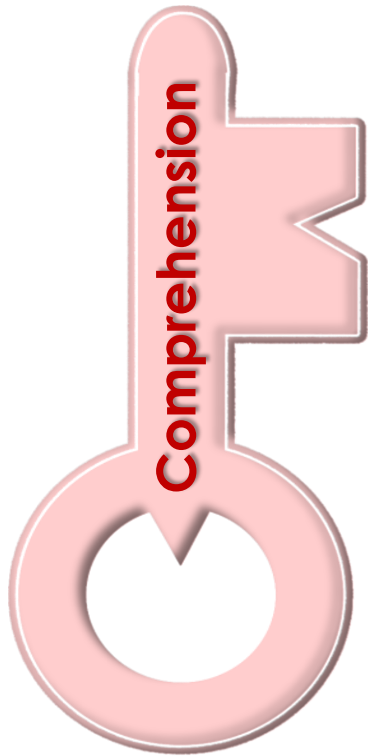


Activate and build prior
knowledge

Answer questions



Effective comprehension strategy instruction



Activate and build prior
knowledge

Answer questions

Ask questions



Effective comprehension strategy instruction



Activate and build prior knowledge

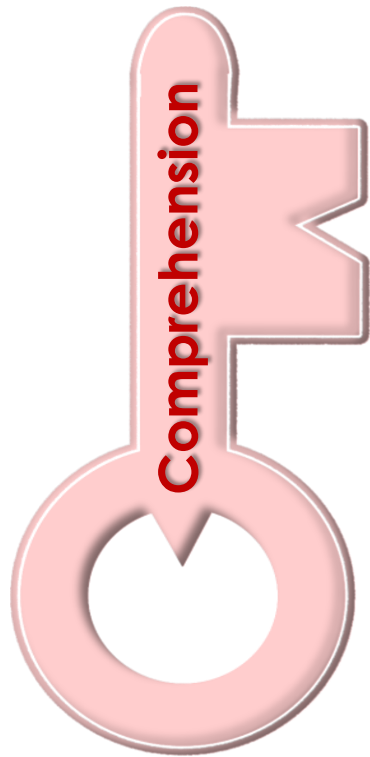
Answer questions

Ask questions

Monitor comprehension



Effective comprehension strategy instruction



Activate and build prior knowledge

Answer questions

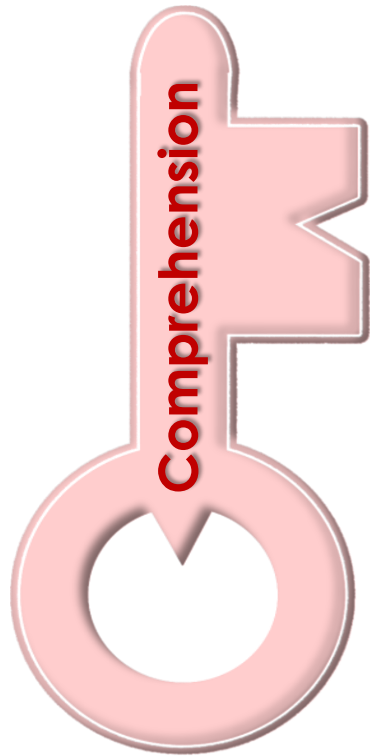
Ask questions

Monitor comprehension

Summarization and graphic organizers



Comprehension strategy instruction



**Comprehension and
text difficulty**



What do
you think?

What level of support would most teachers need to implement these strategies in content area classrooms?

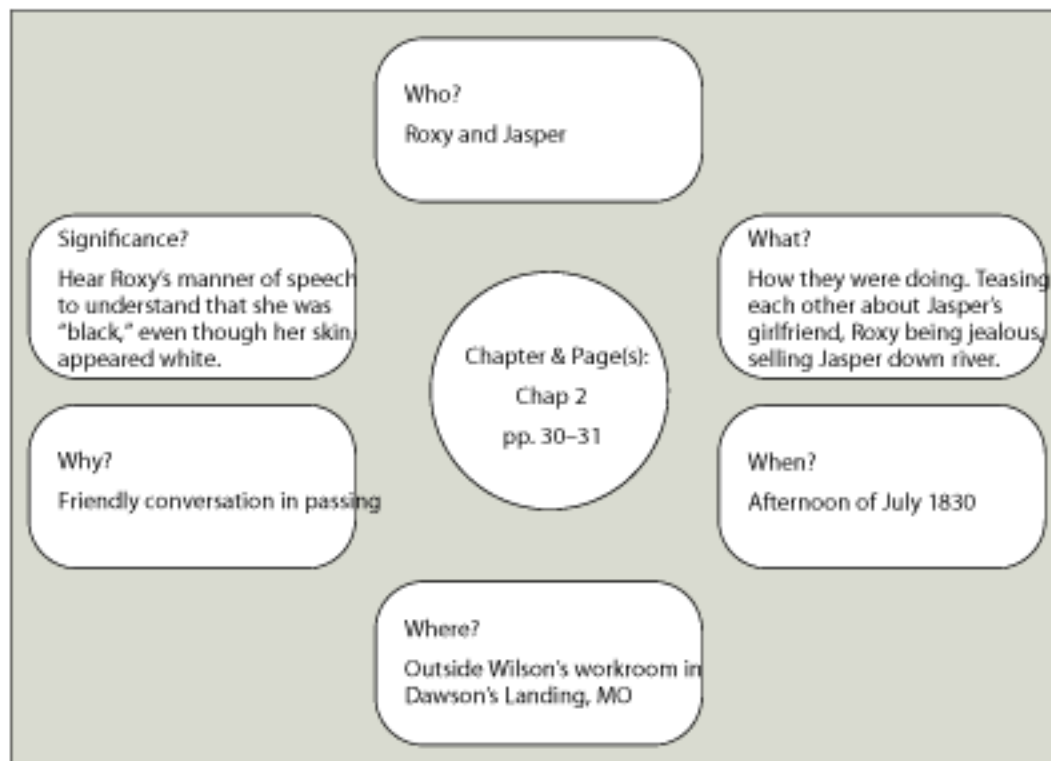


What might effective comprehension strategy instruction look like in different content-area classes?





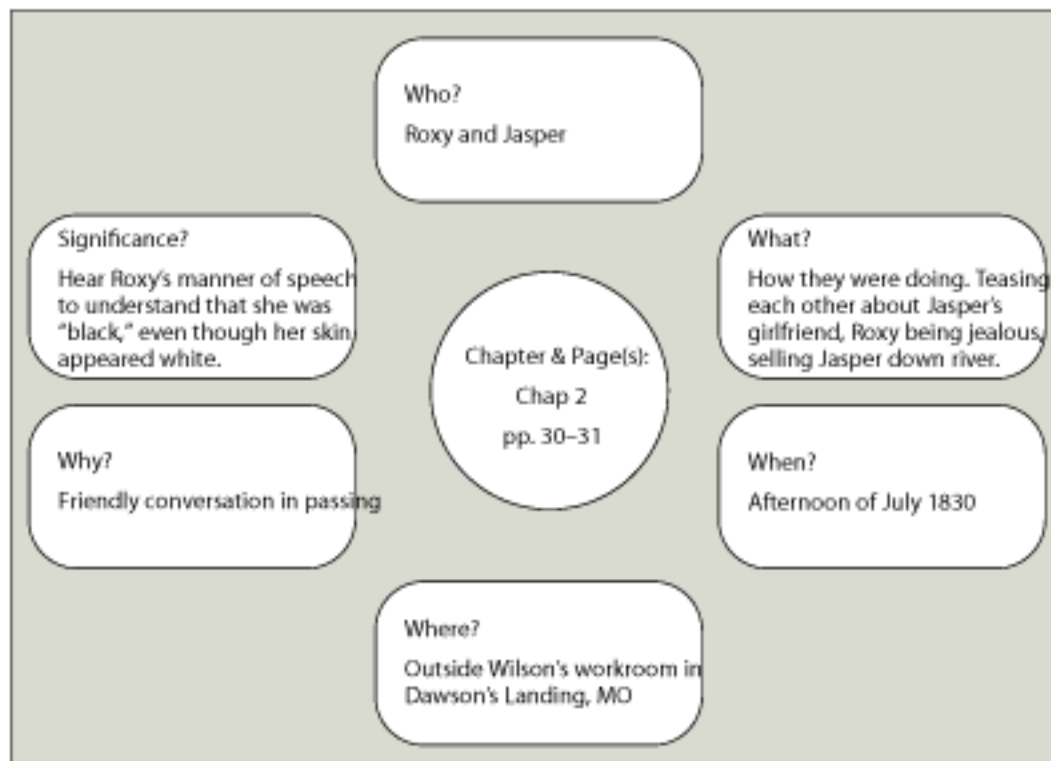
Graphic Organizer

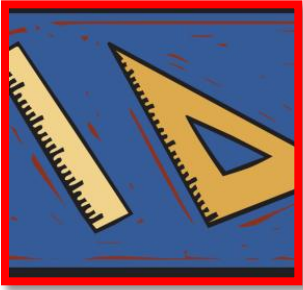




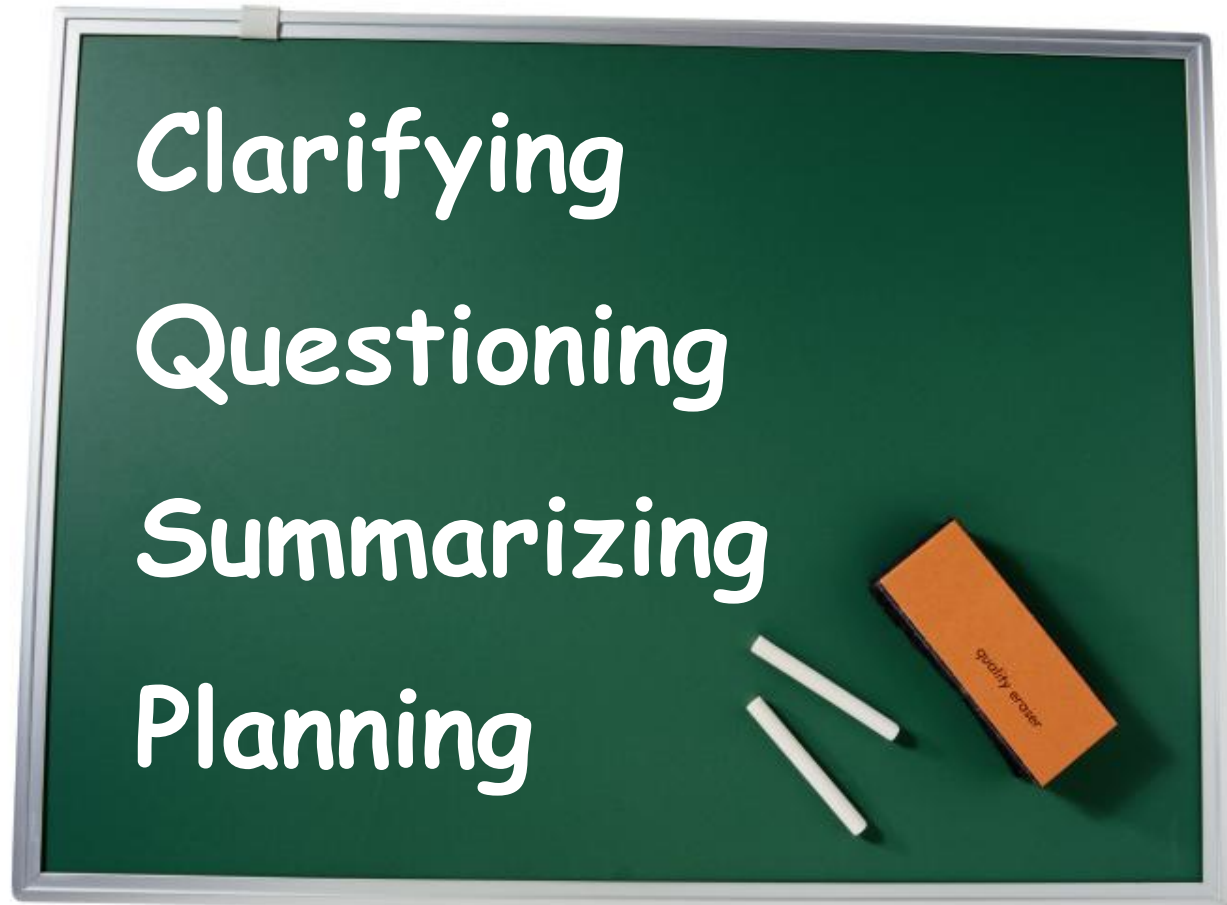
Graphic Organizer

Summarization





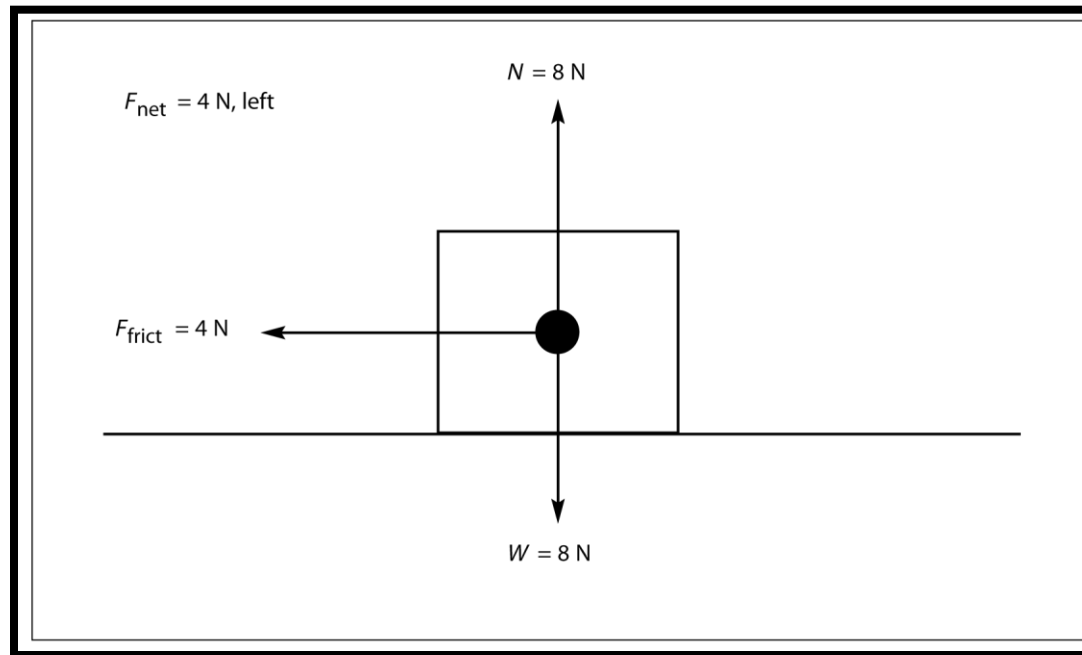
Monitor Comprehension





10TH Grade Science

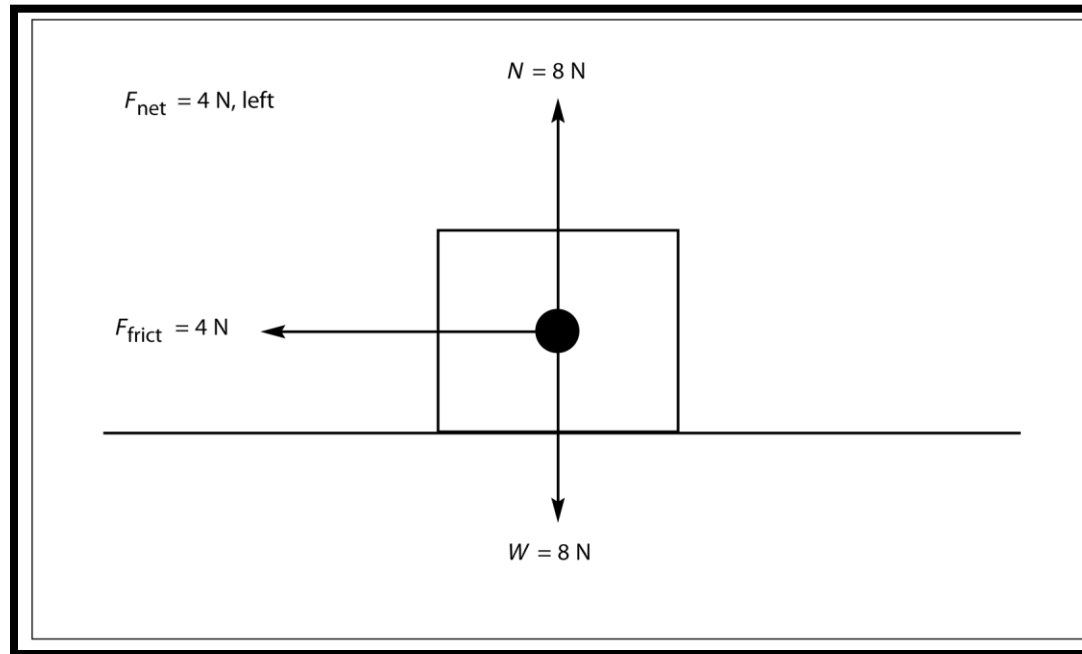
Activate and build prior knowledge





10TH Grade Science

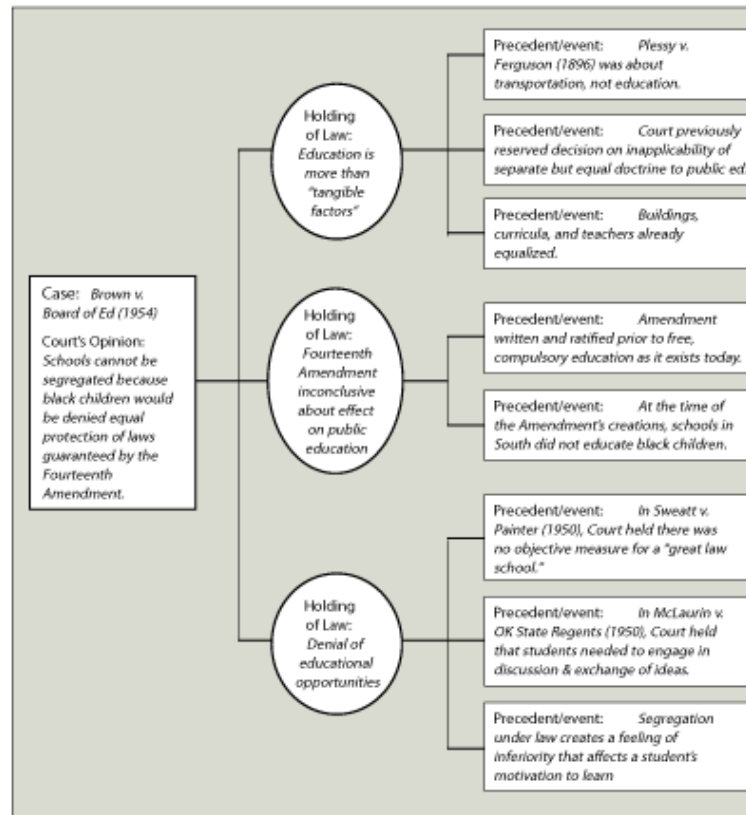
Activate and build prior knowledge
Ask questions





12TH Grade Government

Graphic Organizer

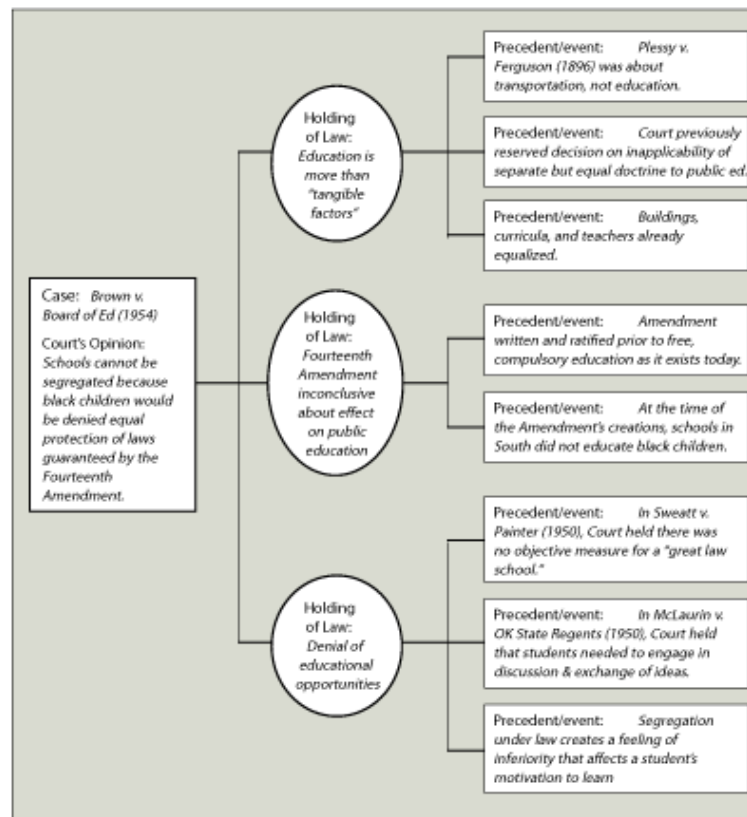




12TH Grade Government

Graphic Organizer

Summarization



Think About It...

Think about the professional development that most impacted your professional behavior. Jot down a few characteristics of the professional development.



Professional Development



Characteristics of effective Professional Development



Characteristics of effective Professional Development

Alignment



Characteristics of effective Professional Development

Alignment

Goals



Characteristics of effective Professional Development

Alignment

Goals

Message



Characteristics of effective Professional Development

Alignment

Goals

Message

Resources



Characteristics of effective Professional Development



Professional Development Activities



Characteristics of effective Professional Development



Professional Development Activities

Connected to Practice



Characteristics of effective Professional Development



Professional Development Activities

Connected to Practice

Engaging and interactive



Characteristics of effective Professional Development



Professional Development Activities

Connected to Practice

Engaging and interactive

Build Professional Relationships



PD Support for content-area teachers



PD Support for content- area teachers

**Collaboration
Opportunities**



PD Support for content-area teachers

Collaboration
Opportunities

Access to Expertise



PD Support for content-area teachers



Collaboration
Opportunities

Access to Expertise

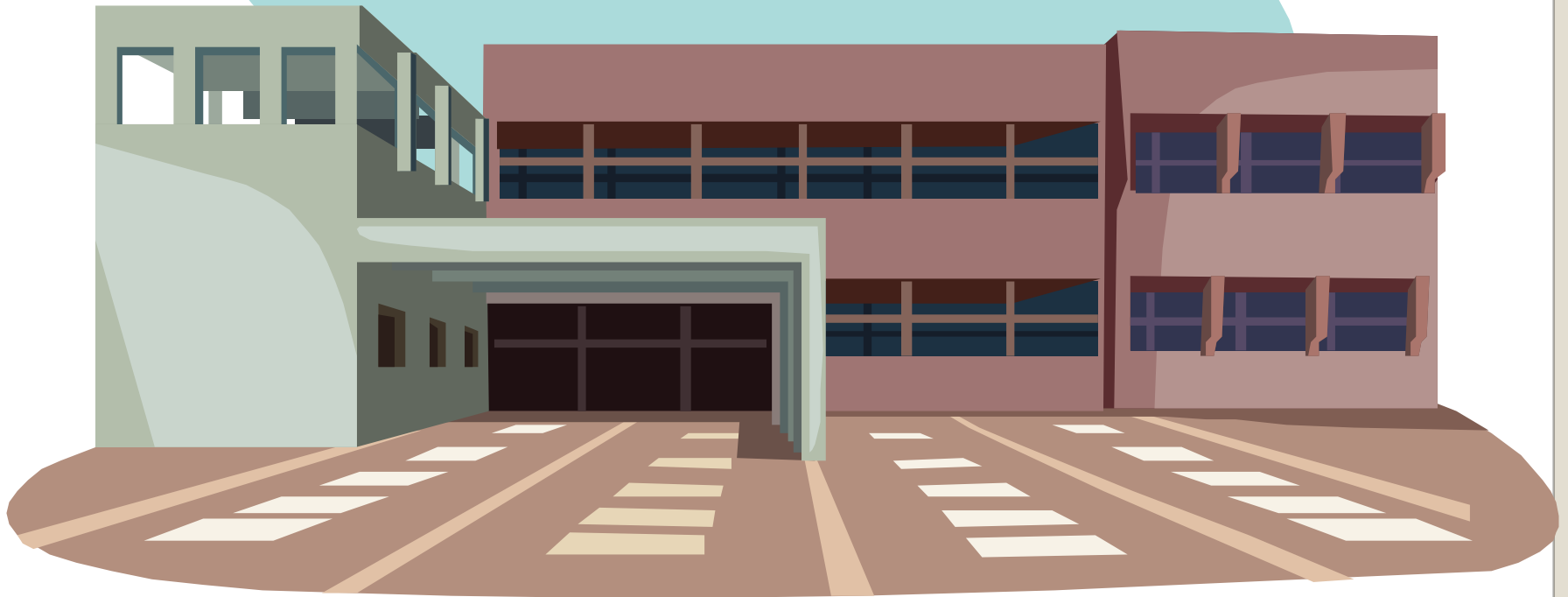
**Resources for
Implementation**



What might effective professional development look like to support vocabulary and comprehension in content-area classes?



Riverside Junior/Senior High School



Riverside Junior/Senior High School



Alignment



Riverside Junior/Senior High School



Alignment

**Effective
Professional
Development**



Riverside Junior/Senior High School



Alignment

Effective
Professional
Development

**Support for
Content-area
Teachers**



Think About It...

How can the vignettes be used in your state/district/school to start discussions about meeting the literacy demands of specific disciplines?



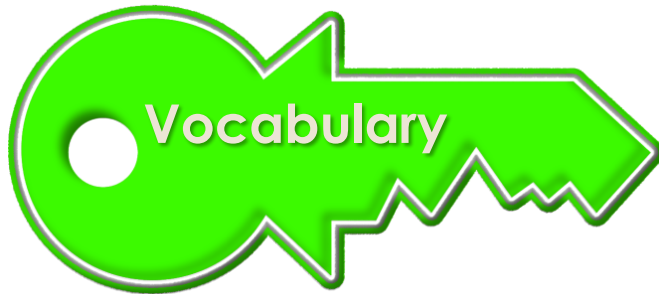
In Conclusion...

**3 Keys to Bring Literacy into
Content Area Instruction**



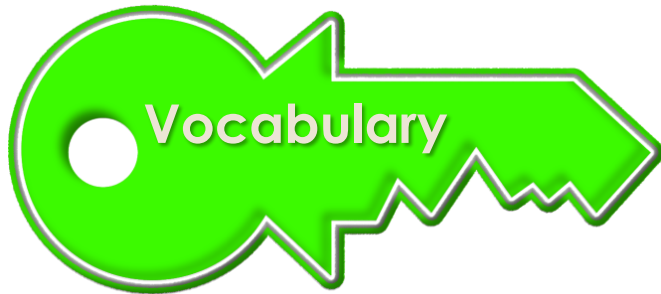
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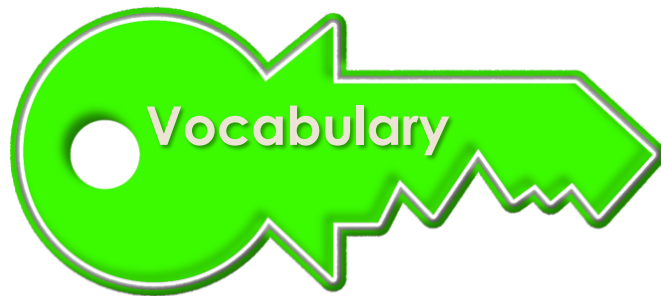
In Conclusion...

3 Keys to Bring Literacy into Content Area Instruction



In Conclusion...

3 Keys to Bring Literacy into Content Area Instruction



Think About It...

REVISIT

**When you think of academic literacy,
how do you envision preparing content
area teachers to support that?**





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INSTRUCTION



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in the chat box

